

ABSTRACT

Method and device for image and video transmission over low-bandwidth and high-latency transmission channels

5 The present invention provides a method for transmission of images and/or video over bandwidth limited transmission channels having varying available bandwidth, which method comprises the use of a classification algorithm for

- decomposing the images and/or video to be transmitted into multiple spatial areas, each area having a specific image type;
- detecting the image type of each of those areas
- separately selecting for each of those areas an image and/or video encoding algorithm having a compression ratio.

10 The classification algorithm prioritizes each of the areas, the classification algorithm increasing the compression ratio of the image and/or video encoding algorithm dedicated to spatial areas having lower priority in case of decreasing bandwidth.